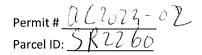
# **ACCESS PERMIT APPLICATION**





And Recorded in Book:\_

Any new or modified access areas onto a Town highway requires Town

approval. For access proposals on State roads, including RT 2 and RT 117, applicants are required to apply directly to VT Agency of Transportation. For local approvals, please review section 6.6 of the *Public Improvement Standards & Specifications for the Town of Richmond* (see municipal website) and provide all the information requested in this application. If you have questions please contact the Highway Department at 434-2631. Additional local permits and approvals may also be required, for information contact the Zoning Administrative Officer at 434-2430.

tact th Application Date: $\frac{09/18/2023}{1}$	e Zoning Administrative Offic Physical Address of Prope			
Applicant Name: Neil & Am		Property Owner Name	. Neil & Amy f	Renner
Applicant Mailing Address: 64		<ul><li>Owner Mailing Address</li></ul>	. 64 East Ave	enue
Burlington, VT 05401		Burlington, VT		
Phone: 802-825-2393			 2393	
Email: rennern@icloud.co	m, renner@gmavt.ne			ner@gmavt.net
Description of Project: Creatio			Is property in floodpla	ain? No
terials as approved for installation from the date of completion. For isting culvert has failed. The land landowner so that the culvert is a Please include a Sketch Plan shallown Highway Access Application Submit the completed application.	the replacement of existing of commer will pay for the purchal of the purchal of the purchal of the purchal of the proposed location on Fee—\$115 residential/\$1 or form with the required fee the proposed for the proposed location on Fee—\$115 residential/\$1	culverts, the Highway Depai se price of the culvert. If the indowner will be responsible of the new or modified acc 45 commercial to Planning & Zoning Office	rtment will make the ne grade of the drivew le for repairs. cess. (see reverse)	decision that an ex-
Signatures: The undersigned here Neil Kenner	9/18/2023	Neil Ken	ner	9/18/2023
Applicant Signature	date	Property Owne	r Signature	date
— do not write below this line—o Application received by ZAO & for	FFICE USE ONLY—DO NOT WRITE BELO	,	DO NOT WRITE BELOW THIS  123 TM Fee:	LINE—OFFICE USE ONLY—
			1	
Application received & reviewed b				
Comments: SKATUME   Highway Foreman Signature: Application received by Town Mar	Will Acges a	10 14 NO 14 11 /	Pate: (G	al comments on reverse
nignway Foreman Signature:		Ab	Date:	1/2
Selectboard Decision: APPROVE				
Selectboard Chair Signature:				
Return approved application to Pla				
OWN CLERK'S OFFICE Received for	or Record:	A.D	Ato'clock	minutesM

Attest:

page\_

Sketch Plan: Please include a Sketch Plan showing the proposed location of the new or modified access, with accurate measurements from the centerline of the proposed access (where it meet the town road) to any permanent mark. Please follow the specifications and profiles from the current Public Improvement Standards & Specifications for the Town of Richmond, including the culvert size (diameter and length). Additional information may be required depending on the nature of the project.

Sketch	ı Plan:																	
											, , , , , , , , , , , , , , , , , , , ,					- Sample of the		and a control of Autor
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— DO NOT WRITE BELOW THIS LINE—OFFICE USE ONLY—DO NOT WRITE BELOW THIS LINE—OFFICE USE ONLY—DO NOT WRITE BELOW THIS LINE—OFFICE USE ONLY—
Highway Department Comments: SUTH EXCEED 390' AFT EA TNEE
CLEANUNG ON SOUTH SIDE OF ACCESS IS COMPLETE PS
15" × 30' HOPE CHIVEN TO BE INSTAULD AND DITCHED TO -
Is a post construction inspection required? YES / NO Reason for post construction inspection:
Fee required (insert amount): Fee collected (include amount and date received):
Is an independent professional inspection required? YES / NO Beason for independent professional inspection:
Fee required (insert amount): Fee collected (include amount and date received):
Highway Foreman Signature: Date: 10 - 5 - 23
Date of completed post construction inspection / independent professional inspection:

CAMP DITCH WATER TO ROAD CROSSING CULVERY NORTH OF ACCESS.

# Re: 2260 Stage Road Driveway Access

# Peter Gosselin <pgosselin@richmondvt.gov>

Thu 10/5/2023 12:40 PM

To:Colen Johnson, PE <Colen.Johnson@tcevt.com>
Cc:Neil Renner <rennern@icloud.com>;John Pitrowiski, PE <John.Pitrowiski@tcevt.com>

Thanks Colen for clarifying this.

# Pete

From: Colen Johnson, PE <Colen.Johnson@tcevt.com>

Sent: Thursday, October 5, 2023 12:10 PM

To: Peter Gosselin <pgosselin@richmondvt.gov>

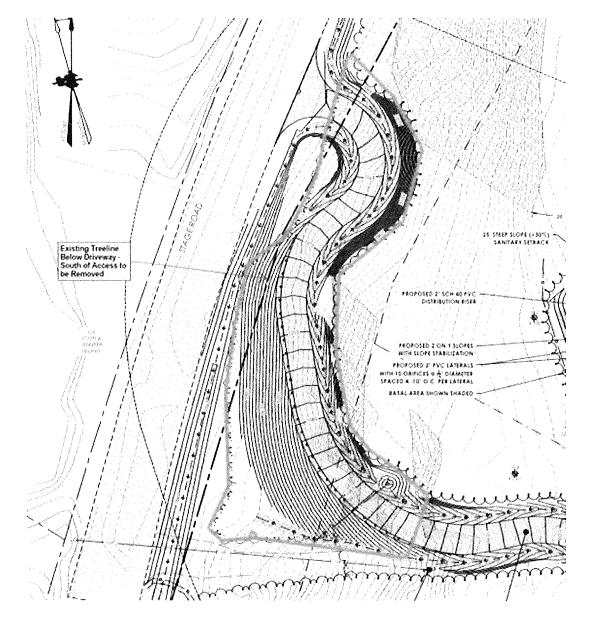
Cc: Neil Renner <rennern@icloud.com>; John Pitrowiski, PE <John.Pitrowiski@tcevt.com>

Subject: 2260 Stage Road Driveway Access

You don't often get email from colen.johnson@tcevt.com. Learn why this is important

Hello Peter,

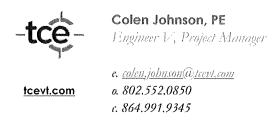
Thanks for taking my call regarding the driveway for 2260 Stage Road. As discussed, the intent is to remove the existing trees between the driveway and roadway, south of the new access.



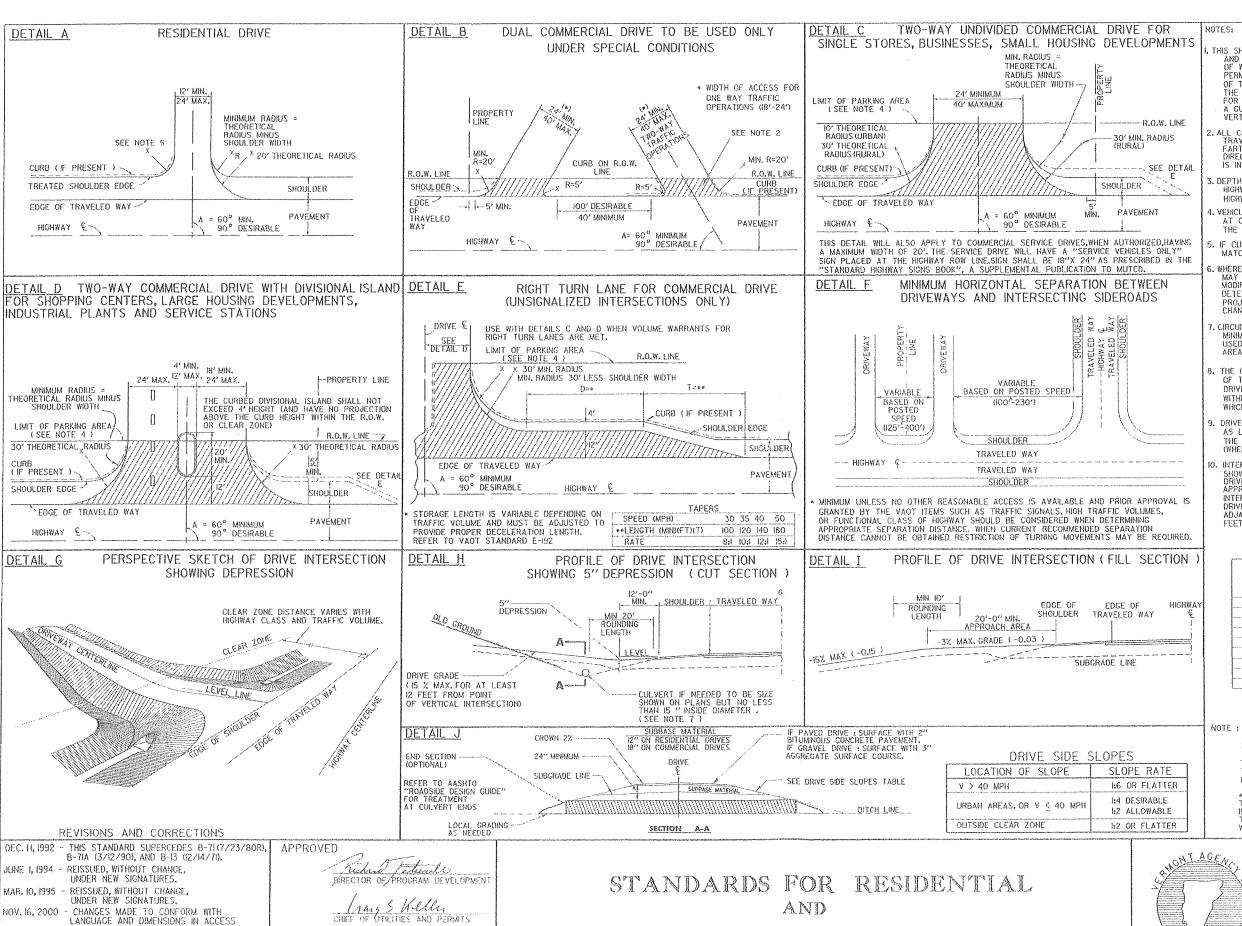
We also discussed requiring a culvert at the entrance and this will be added. As noted, it is flat so a 15" would be preferred if possible.

Let me know if you have any questions or would like to discuss.

# Thanks,



Civil	<u>Environmental</u>	Landscape	<u>Underground</u>	<u>Land</u>
<u>Engineering</u>	<u>Services</u>	Architecture	<u>Localing</u>	Surveying



LANGUAGE AND DIMENSIONS IN ACCESS MANAGEMENT PROGRAM GUIDELINES.

TO CONFORM WITH NEWEST AASHTO CRITERIA

Mchal Lamer

FEDERAL HIGHWAY ADMINISTRATION

FEB 1, 2004 - CHANGES MADE TO SIGHT DISTANCE CHART

JULY 8, 2005 - CHANGE MADE TO OBJECT HEIGHT TO CONFORM WITH NEWEST AASHTO CRITERIA

- I. THIS SHEET IS INTENDED FOR USE BY DESIGNERS ON HIGHWAY PROJECTS AND IN CONJUNCTION WITH A PERMIT FOR WORK WITHIN HIGHWAY RIGHTS OF WAY (FORM TA 210). ALL CONSTRUCTION REQUIRED BY THE PERMIT AND INDICATED ON THIS SHEET SHALL BE THE RESPONSIBILITY OF THE APPLICANT AND IS SUBJECT TO THE APPROVAL OF THE YT. AGENCY OF TRANSPORTATION, WHEN USED WITH THE PLANS FOR A HIGHWAY CONSTRUCTION PROJECT. THIS SHEET IS INTENDED TO BE A GUIDE FOR THE DESIGNER CONCERNING DRIVE WIDTHS, HORIZONTAL, VERTICAL AND GEOMETRIC CHARACTERISTICS.
- 2. ALL COMMERCIAL DRIVES SHALL BE PAYED FROM THE EDGE OF THE TRAYELED WAY TO THE HIGHWAY RIGHT-OF-WAY, TO THE FARTHEST POINT OF CURVATURE ON THE DRIVEWAY EDGE OR AS DIRECTED BY THE DISTRICT TRANSPORTATION ADMINISTRATOR.
- 3. DEPTH OF SUBBASE AND PAVEMENT TO BE THE SAME AS HIGHWAY OR AS SHOWN IN DETAIL J WITHIN THE LIMITS OF THE HIGHWAY RIGHT-OF-WAY.
- I, VEHICULAR ACCESS FROM PARKING AREAS TO THE RIGHT-OF-WAY AT OTHER THAN APPROVED ACCESS POINTS WILL BE PREVENTED BY THE CONSTRUCTION OF CURBING OR OTHER SUITABLE PHYSICAL BARRIER.
- LIE CURB IS PRESENT, SEE APPROPRIATE CURB DETAIL STANDARD OR MATCH TOWN/CITY STANDARD CURB TREATMENT.
- . WHERE TRAFFIC VOLUME FOR A PROJECT IS SUBSTANTIAL THE AGENCY MAY REQUIRE SPECIAL LANES FOR TURNING, SIGNALS OR OTHER MODIFICATIONS. BASED ON TRAFFIC STUDIES THE AGENCY WILL DETERMINE SPECIFIC TREATMENT TO BE USED. ON DEVELOPER PROJECTS THE AGENCY WILL WORK WITH THE APPLICANT TO IMPLEMEN CHANGES TO THE STATE HIGHWAY. WORK WITH THE APPLICANT TO IMPLEMENT
- CIRCULAR DRAINAGE CULYERTS UNDER DRIVES SHALL HAVE A MINIMUM INSIDE DIAMETER (I.D.) OF 15". PIPE ARCHES USED UNDER DRIVES SHALL HAVE A MINIMUM HISIDE CROSS-SECTIONAL AREA EQUIVALENT TO THAT PROVIDED BY A 15" CIRCULAR PIPE.
- 8. THE OFFSET BETWEEN THE PROPERTY LINE AND THE EDGE OF THE DRIVEWAY MAY BE GOVERNED BY LOCAL ZONING LAWS.
  DRIVEWAY WIDTH RESTRICTIONS SHOWN PERTAIN ONLY TO THE AREA WITHIN THE HIGHWAY R.O.W. OR THE END OF THE TURNING RADIUS WHICHEVER IS GREATEST.
- DRIVEWAY GRADES STEEPER THAN THOSE SHOWN MAY BE ALLOWED AS LONG AS A 20' APPROACH AREA IS ACHEVED FOR THE VEHICLE TO PAUSE BEFORE ENTERING THE HIGHWAY. (WHERE CURB & SIDEWALKS EXIST, SEE STANDARDS C-2A & C-2B)
- INTERSECTION SIGHT DISTANCES, EQUAL TO OR GREATER THAN THOSE SHOWN BELOW, SHOULD BE PROVIDED IN BOTH DIRECTIONS FOR ALL DRIVES ENTERING ON PUBLIC HIGHWAYS, UNLESS OTHERWISE APPROVED BY THE AGENCY OF TRANSPORTATION. INTERSECTION SIGHT DISTANCE IS MEASURED FROM A POINT ON THE DRIVE AT LEAST IS FEET FROM THE EDGE OF TRAVELED WAY OF THE ADJACENT ROADWAY AND MEASURED FROM A HEIGHT OF EYE OF 3.5 FEET ON THE DRIVE TO A HEIGHT OF 3.50 FEET ON THE ROADWAY.

# SIGHT DISTANCE CHART

POSTED SPEED OR DESIGN SPEED (M.P.H.)	MINIMUM STOPPING SIGHT DISTANCE (FT)	MINIMUM INTERSECTION SIGHT DISTANCE * (FT)
25	155	280
30	200	335
35	250	390
40	305	445
45	360	500
50	425	555
55	495	610
60	570	665
65	645	720

THE ABOVE VALUES ARE TAKEN FROM THE 2004 AASHTO "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS & STREETS."

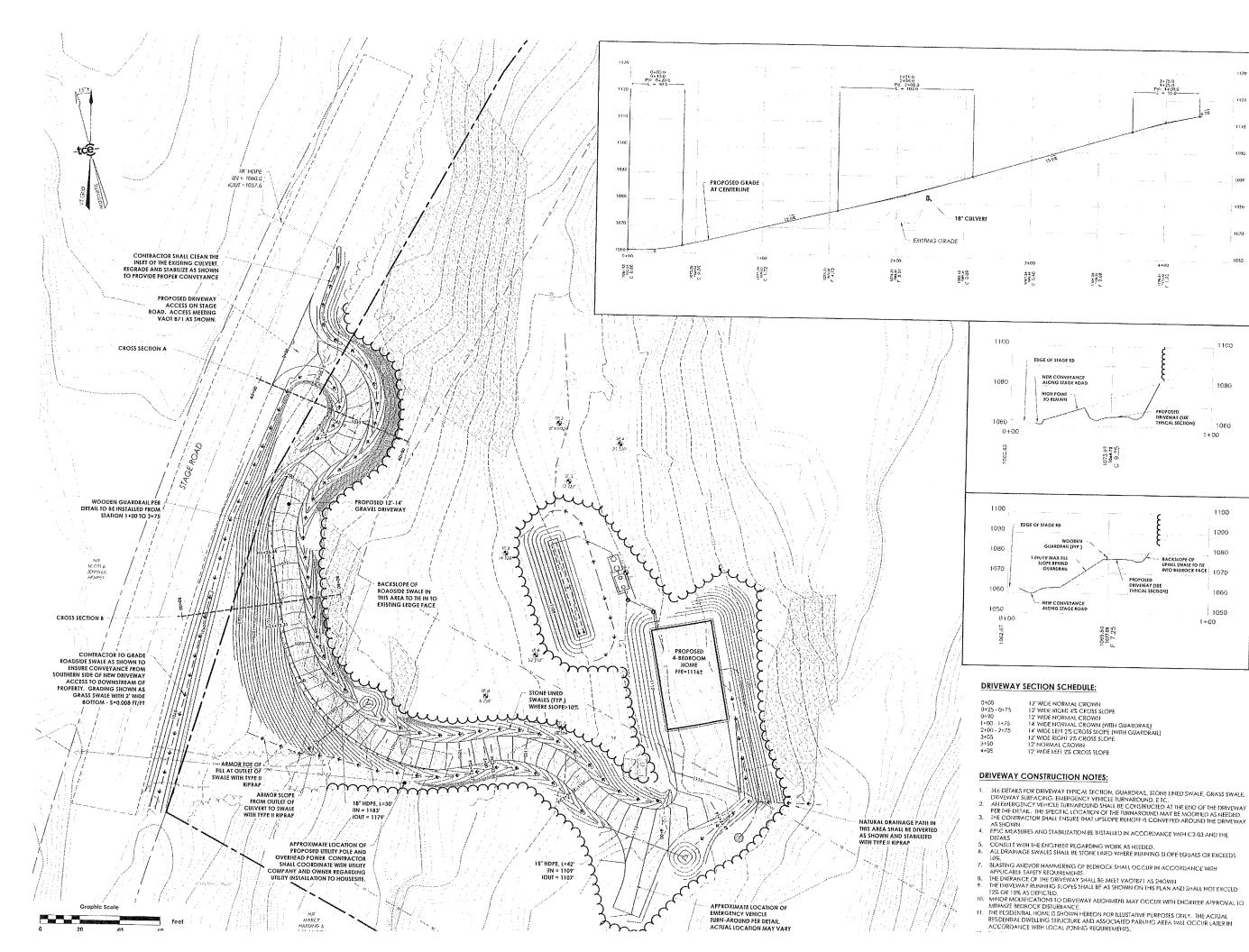
: ADVANCE WARNING SIGNS WILL BE REQUIRED IF OBTAINABLE INTERSECTION SIGHT DISTANCES ARE BELOW MINIMUM STOPPING SIGHT DISTANCES.

THE CHART IS ENTERED TO SELECT DESIGN VALUES BASED ON THE POSTED SPEED LIMIT IN MPH. VALUES FOR DESIGN ARE CALCULATED BASED ON THE DESIGN SPEED IN MPH.

\* ASSUMES A GAP OF 7.5 SECONDS IN THE TRAFFIC STREAM ON THE HIGHWAY MAINLINE BASED ON THE HIGHWAY DESIGN SPEED IN MPH. THIS ALLOWS A STOPPED PASSENGER VEHICLE TO ENTER THE MAINLINE FROM THE DRIVE WITHOUT UNDULY INTERFERING WITH THE HIGHWAY OPERATIONS.

AND COMMERCIAL DRIVES







# ENGINEERING · SURVEY

PLANNING . ENVIRONMENTAL

No. Description Date By A Bounclary Pevision and Additional Topo 09/18/23 CMJ

Use of These Drawings 1. Unless otherwise noted, these Drawings are Intended for orestantancy planning, coordination with other disciplines or prestantancy planning, coordination with other disciplines or pristates, and/or approval from the regulatory authorities, they are not intended as community or drawings unless noted as such or marked approved by a regulatory authority.

as such of marked opproved by a regulatory outlinity.

2. By use of these thanking for construction of the Project, the Owner represents that they have reviewed, approved, and accepted the dealings choicined oil necessory permits and have met with at applicable portles/thicipisms, including but not limited to, the Engineer and the Architect, to Insue these plans are properly coordinated including, but not limited to, contact tocuments, specifications, owner/confractor agreements, busing and marchanical plans, physics and public utilities, and other prefined permits for construction.

3. Owner and Architect, are responsible for final design and location of buildings shown, including an area measured a ministum five (§) teel around any building and coordinating final utility connections shown on these plans.

5. These browings are specific to the Project and are not transleable. As Instruments of sortice, these drawings, and copies mersol, foundated by ICE are as scalable perspectly. Changes to the drawings may only be made by ICE. If errors or are instrumentally the project of the drawings may only be made by ICE. If errors or are instrumentally the project of the alterition of ICE immediately.

6. It is the User's responsibility to ensure this copy contains the most current revisions.

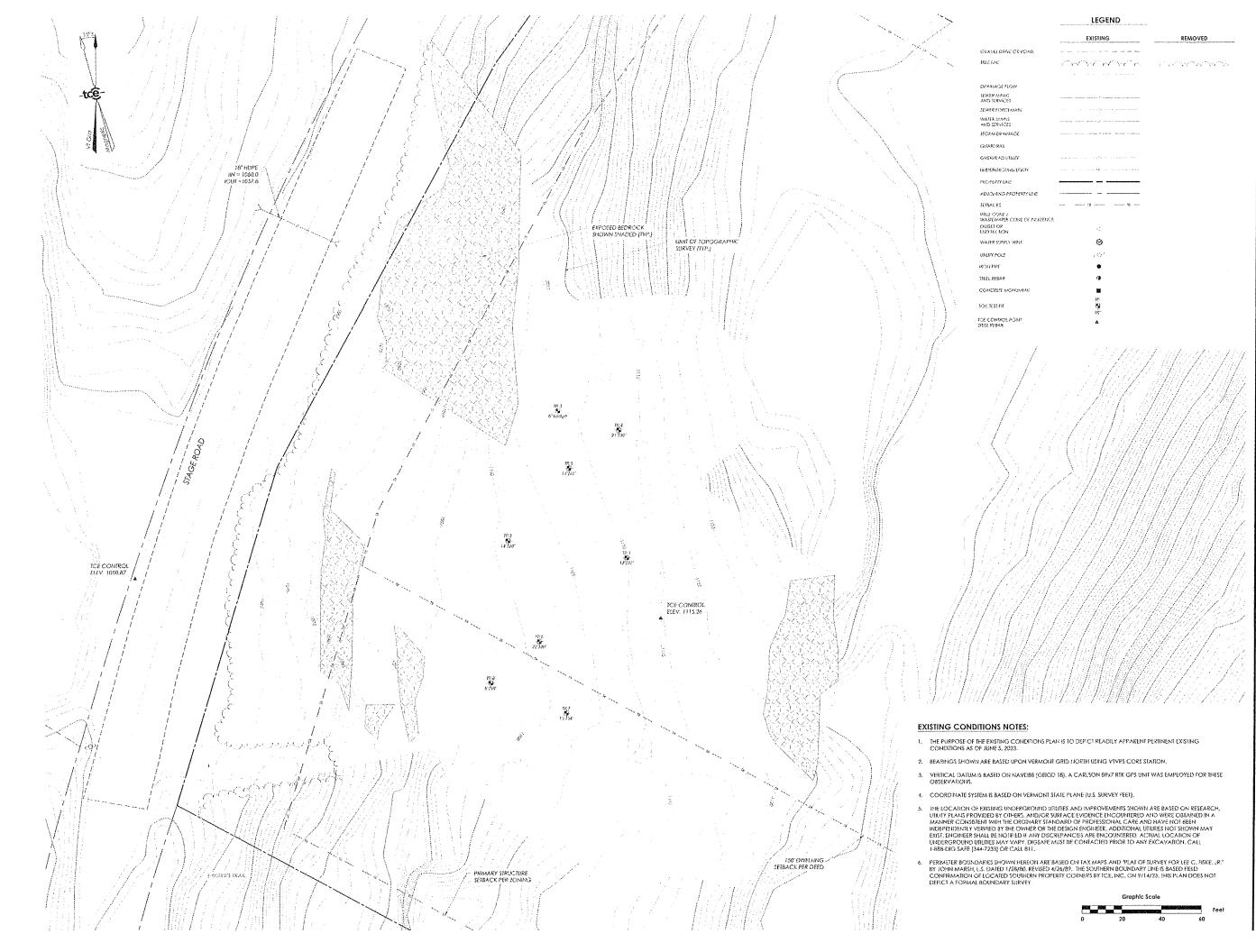


# Renner

2260 Stage Road Richmond, VI

# Driveway Plan and **Profile**

Date:	09/01/2023
Scale:	Steamin
Project Number:	23-678
Drawn By:	HVAL
Froject Engineer:	CM/
Approved By:	CMJ
Held Book:	





ENGINEERING . SURVEY

PLANNING · ENVIRONMENTAL

No. Description

Additional Topo

Use of these brawings

1. Unless otherwise noted, there brawings are intended for preliminary planning coordination with other disciplines or utilities, and/or approval from the regulatory authorities. They are not intended as construction drawings unless noted as such or marked approved by a regulatory authority.

2. By use of likease drawings for comfurction of line Project, the Owner represents that likey have reviewed, approved, and accepted the drawings, bothered on necessary permits, and have mel with at applicable portless/disciplates including but not finitize to. the fingineer and the Architect, lo insure these plans are properly coordinated including, but not limited to. In the contract documents, specifications, owner/contractor agreements, building and mechanical representations are also like the desired activities. plans, private and public utilities, and other perfinent permit

Owner and Auchitect, are responsible for final design and location of buildings shown, including an area measured a minimum five (5) feel around any building and coordinating final utility connections shown on these plant.

4. Not to using these plans for construction layout, the user shall contact ICE to ensure the plan contains the most content resisions.

4. It is the User's responsibility to ensure this copy contoins the most current revisions.



Renner 2260 Stage Road Richmond, VT

# **Existing Conditions** Plan

Date:	09/01/2023
Sc.ofe;	1" = 20
Project Number:	23-978
Brown By:	CAU
Project Engineer:	C)ss)
Approved By:	ÇMJ
Field Book:	p p

# WASTEWATER PERMITTING PURPOSE OF PLAN: THESE PLANS ARE BEING SUBMITTED TO REMOVE THE DEFERRAL PERMIT D-4-0304 FOR LOT 1 AND THESE PLANS ARE BEING SOMMED TO CHANCE THE SECRET OF THE PERFORMING WHILE BE SERVICED BY A PRETIREALED MOUND TYPE WASTEWATER ENSPOSAL SYSTEM AND ERELED WELL BOTH LOCARED ON LOT I.

THEREBY CERTIFY THAT, IN THE EXERCISE OF MY REASONABLE PROFESSIONAL JUDGMENT, THE DESIGN RELATED INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT AND SIBMILED WITH THIS APPLICATION IS NOT THE CESTIFIC APERMIT
FILE DESIGN INCLUDED IN THIS APPLICATION FOR A PERMIT
COMPLES WITH THE VERMONT WASTEWATER SYSTEM AND
POTABLE WATER SUPPLY RULES, TIERS ENVIRONMENTAL
PROTECTION BLIES CHAPTER I §1-306 (b)).

# REFER TO ATTACHED HYDRO STUDY FOR MINIMUM SYSTEM WIDTH AND LENGTH OF 5' x 50': BASIS OF DESIGN FOR LOT 1 PRETREATED MOUND TYPE WASTEWATER DISPOSAL SYSTEM:

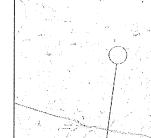
DESIGN FLOW FOR PROPOSED 4-BEDROOM HOME: 140 GPD/BDRM x 3 BDRMS + 70 GPD FOR THE FORTH BEDROOM = 490 GPD APPLICATION RATE: 1.0 FOR MOUND SAND (USE 2.0 WITH PRETREATMENT) - 2.0 GPD/SF DISPOSAL AREA REQUIRED : 490 GPD/ 20 GPD/SF DISPOSAL AREA PROVIDED: 1 FFENCH 5' WIDE X 50' LONG BASAL AREA REQUIRED, 490 GPD/ 0.74 GPD/SF = 250 SF 462 SE

BASAL AREA PROVIDED:

LIMITING DEPTH TO SHAPE (IP 185): LIMITING DEPTH TO LEDGE (IP 5): LIMITING RECEIVING SOIL TEXTURE.

= FINE SANDY COAM = +/- 15% = 5.2"

WASTEWATER CONE OF DRILLED WELL CONE OF



# PROJECT INFORMATION:

1. OWNER OF RECORDS

# **ELEVATION KEY:**

HOUSE FEE HOUSE SEWER BOVER! OUT SERVE, TAND THE SEPTIC LARK BEVER! OH SEPTIC CARK BEVER! OAH SEPTICOH OA SOVER! BE SEPTICOH OA SOVER! BE SEPTICOH OA SOVER! BE SEPTICOH OA SOVER! BE

# AND C2-03 FOR EPSC/STABILIZATION REQUIREMENTS

BUILDING SPECIFICS.

# BASIS OF DESIGN FOR LOT 1 INDIVIDUAL DRILLED WELL WITH A PROPOSED

AVERAGE DAY DEMAND:
PROPOSED 4 BEDROOM HOME © 140 GPD/BOR X 3 BEDROOMS + 70 GPD FOR THE 4TH BDRM = 490 GPD
AVERAGE DAY DEMAND = 490 GPD
MAX\_DAY DEMAND = 490 GPD
MAX\_DAY DEMAND = 50 CLUBATED BY DIVIDING THE AVERAGE DAY DEMAND BY NOT MORE THAN 720
[12 Hz. DELVERY] MRUIES.

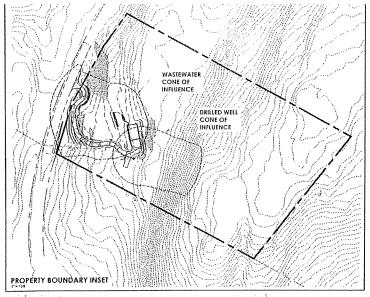
THE PROPOSED DRILLED WELL IS NOT LOCATED IN A FLOOD PLAIN.

EXISTING

LEGEND		
PROPOSED	REMOVED	Proje
121	."''''''' \	
:		
P.1		
		1

# Site Plan

Dole:	8/10/2023
icule:	1" = 20"
Project Number.	23 098
Orawn By:	1644
rojeci Engineer:	CAG
Approved By:	CA:J
eld Book:	



PROPOSED 1,000 GALLON 2 COMPARIMENT PRECAST

PROPOSED DRILLED

150' DWELLING -SEIBACK PER DEED

PROPOSED SEPTITECH STAAR 0.5 PRETREATMENT TANK/PUMP CHAMBER SET LEVEL WITH ACCESS TO THE SURFACE, EQUIPPED WITH ODOR CONTROL DEVICE, AUDIBLE AND VISUAL ALARMS

PROPOSED 1.5" DRAIN BACK LINE WITH A 4"x4"x1.5" TEE CONNECTION TO INLET LINE (PER SEPTITECH SPEC.)

PROPOSED CLEANOUT (TYPICAL) PROPOSED 4" PVC 5DR 35 SEWER SERVICE s=1" PER FOOT MINIMUM PROPOSED 2" AIR INTAKE LINE TO

SNORKEL (PER SEPTITECH SPEC.)

PROPOSED DRILLED WELL

THEE THEE

CYCYCLUCYCL CYC DOSMAGE BLOW SEWER MAINS ATAO SERVICES SEWER FORCEMAIN STORM ERAINAGE

GUARDRAR OVERHEAD URIE

ADJOINING ERCPERTY LINE SETB4CXS WELL COHE / WASTEWATER CORE OF INFLUENCE

IS CALLED E

SIEGE REBAK

PROJECT LOCATION

NEIL & AMY BENNER 64 EAST AVENUE BURLINGTON, VERMONT 0540)

2. TAX SPAN: 519-163-10903 3. PHYSICAL ADDRESS OF PROPERTY: 2260 STAGE ROAD RICHMOND, VT 05477

4. PARCEL SIZE: 10.1± ACRES

THE COMPACTOR SHALL COORDINATE, WITH ENCENEER PERCARDING ANY ELEVATION CHANGES AT THE DWELLFIRG LINET PRIOR TO SETTIC

# SEE C2-02 FOR DRIVEWAY/DRAINAGE REQUIREMENTS

HOUSE SITE NOTE:
HOUSE DWELLING IS SHOWN FOR ELUSTRATION PURPOSES
ONLY. DWELLING CHARACTERISTICS (SHAPE, LAYOU)
HOUSE SITE GRADING) WILL CHANGE DEPENDENT ON

4-BEDROOM HOME SINGLE FAMILY HOME:

490 GPD / 720 = 0.88 GPM THE PISTANTANEOUS PEAK DEMAND IS 5 GPM MULTIPLIED BY THE NUMBER OF UNITS = 5 GPM

\_\_ \_\_ \_\_

0

Renner 2260 Stage Road Richmond, VT

ENGINEERING · SURVEY

PLANNING . ENVIRONMENTAL

Use of These Drawings
1. Unless otherwise noted, these Drawings are intended for
pellminary planning coordination with other disciplines or
utilities, and/or approval from the regulatory authorities,
they are not intended as construction drawings undess noted
as such or marked approved by a regulatory authorities.

as such a marked approved by a regulatory authority.

2. By use of these drawings for construction of the Project, the Owner represents that they have reviewed, approved, and accepted the dewlings, obtained all necessary permits, and have met with all applicable positive/discipliners, lacturing but not Emithad by, the Englanes and the Architect, to have these plans are properly coordinated including, but not limited to, contract documents, specifications, owner/contractor agreements, building and mechanical plans, private and public utilities, and other perfinent permits for construction.

3. Owner and Architect, are responsible for final design and

ocation of buildings shown, including an area measured a prining five (5) feet around any building and cocadinating

4. Filor to using these plans for construction layout, the user shall contact TCE to ensure the plan contains the most

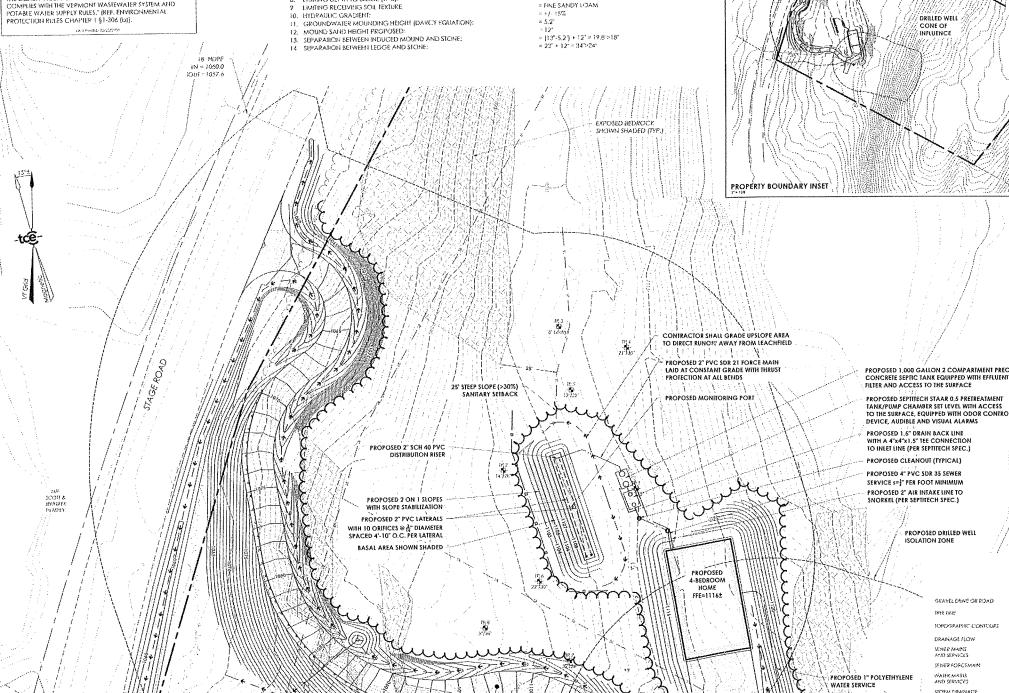
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find utility connections shown on these plans.

69/01/23 CAU

A Revisions for Permitting

A boundary kerman and Additional Inpo



PROPOSED GRAVEL

PRIMARY STRUCTURE

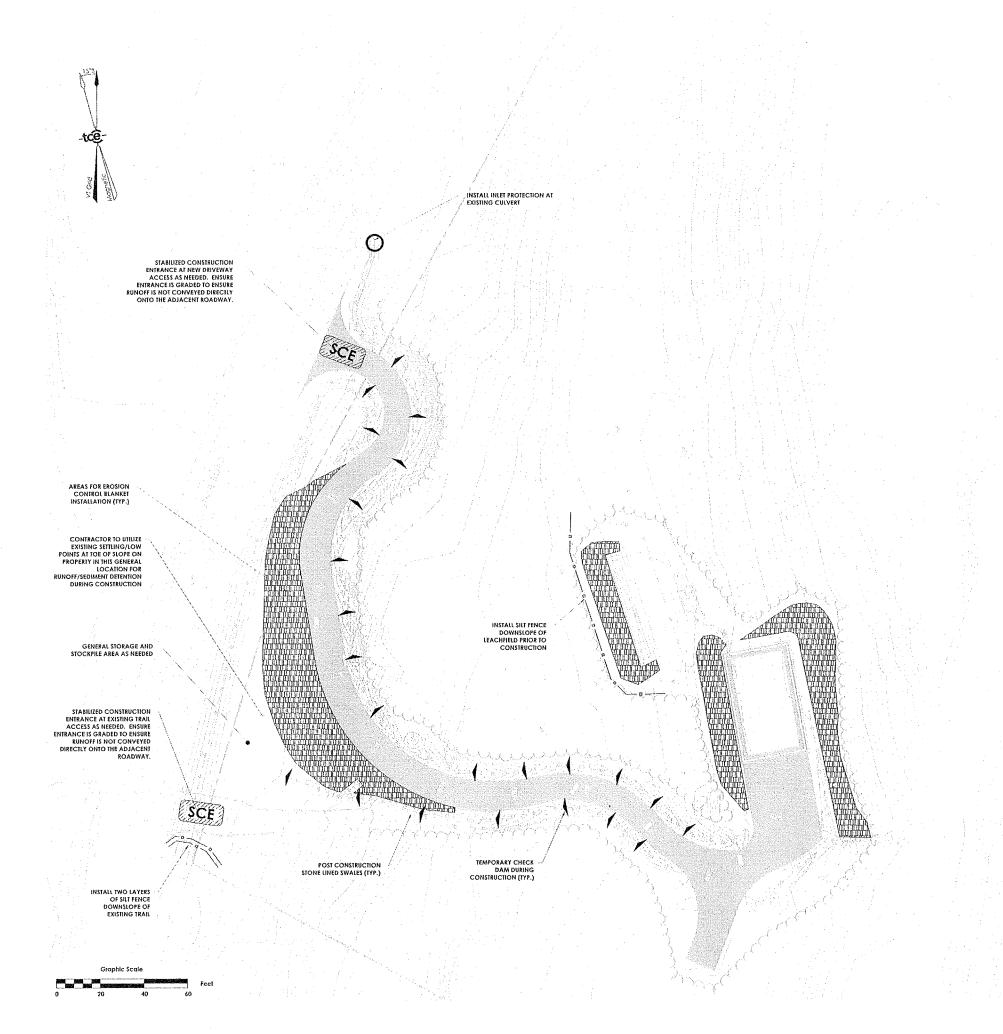
SETBACK PER ZONING

PROPOSED WASTEWATER CONE OF INFLUENCE

APPROXIMATE LOCATION O PROPOSED UTILITY POLE AND OVERHEAD POWER CONTRACTOR

SHALL COORDINATE WITH UTILITY

COMPANY AND OWNER REGARDING





# ENGINEERING . SURVEY

# PLANNING · ENVIRONMENTAL

Adistrand land

07/18/23 CM3

-tce- GENERAL CONSTRUCTION SEQUENCE

). INSTALL CONSTRUCTION ENTRANCE[S] AS SHOWN.

3, STAKE OUT CONSTRUCTION, CLEAR AND GRUB,

4. STOCK PILE, PROCESS, AND DISPOSE OF TREES.

6 CONSTRUCT SITE FEATURES.

7. VEGETATE AND STABILIZE.

EPSC LEGEND

- SILT FENCE INLET PROTECTION

ENTRANCE

STABILIZED CONSTRUCTION

TEMPORARY CHECK DAM

POST CONSTRUCTION EROSION CONTROL BLANKET

2. INSTAIL SILT FENCE IN LOCATION SHOWN ON PLANS AS DETAILED.

5. CONSTRUCT NECESSARY STABILIZED CONSTRUCTION ROADS, ESTABLISH DITCHLINES FROM DOWNFILL TO UPHILL, INSTALL CHECK DAMS AND EROSION CONTROL FABRIC IN DITCHLINES AS DETARED. MAINTAIN TRAFFIC FLOW AS STANDARD.

8. REMOVAL TEMPORARY EROSION CONTROL MEASURES ONLY AFTER FINAL STABILIZATION HAS OCCURRED INCLUDING VEGETATION GROWTH.

Use of These Drawings
1. Unless otherwise noted, there Drawings are inlended for prefinalony planning, coordination with other disciplines or willdles, and/or upproval from the regulatory authorities. They are not inlended as construction drawings unless noted

as such ar marked approved by a regulatory authority.

2 by use of these disminist pol contruction of the Project, the Owner represents that they have reviewed, approved, and accepted the drawins, so holicated an ecessary permits, and have mel with all applicable parties/disciplines, recluding but not lettitled to the Engineer and the Architect, to insure these plans are properly coordinated lacituding, but not limited to, accepted documents, specifications, owner/contractor agreements, building and mechanical plans, psychole and public vitilities, and other partinent permits for construction.

Owner and Archifect, one responsible for final design and location of buildings shown, including an area measured a minimum five (5) feel around any building and coordinating final visity connections shown on those plans.

4. Prior to using these plans for construction layout, the user shall confact TCE to ensure the plan contains the most current revisions.

curem tersions.

5. These Drawings are specific to the Project and are not lonal-route. As instruments of service, these drawings, and copies thread furnished by ICE are its exclusive property. Changes to the dischage may only be made by ICE. It eraos so challations are discovered, they shall be brought to the attention of ICE immediately.



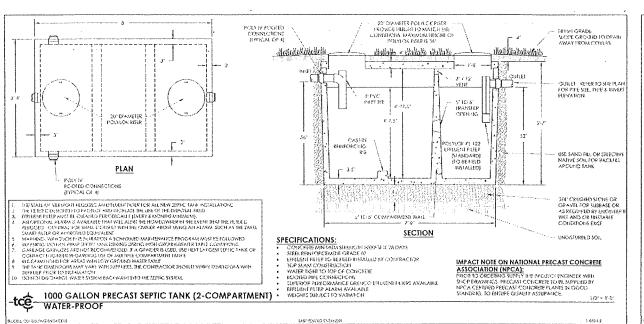
# Renner 2260 Stage Road

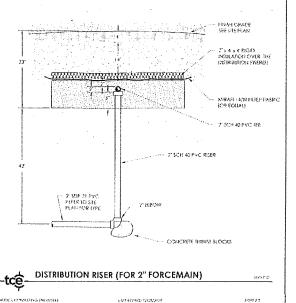
Richmond, VT

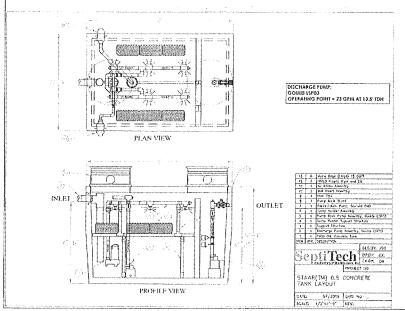
# **EPSC Plan**

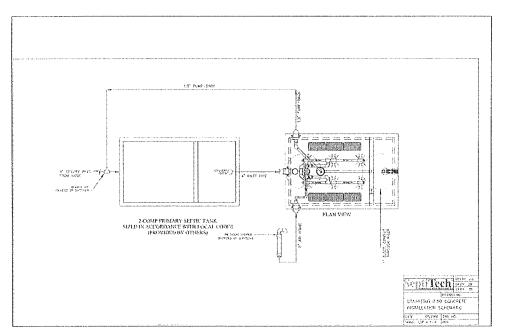
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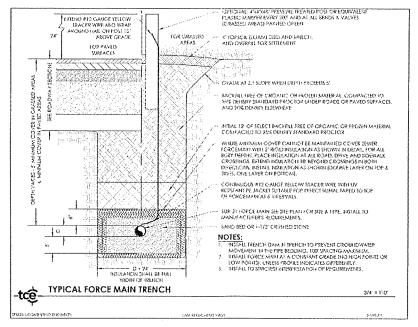
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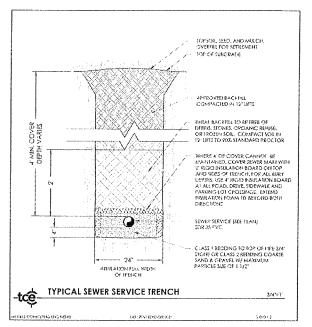


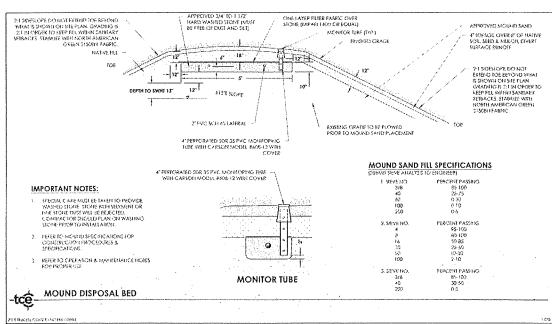


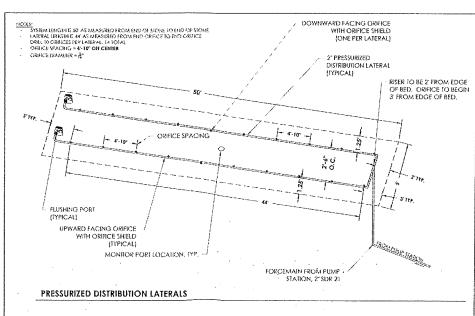


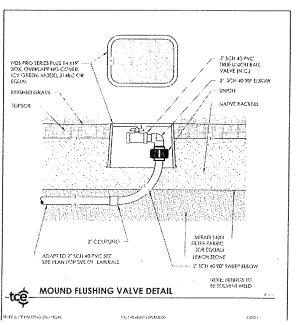














# ENGINEERING · SURVEY

# PLANNING . ENVIRONMENTAL

No Description

Use of Tracke Browings
1, Julies of Tracke Drowings are intended the preliminary planning, coordination with other disciplines or utilities and/or approval from the regulatory authorities. They are not intended as constitution dowings unless noted as such or marked approved by a regulatory authorities.

as such or marked approved by a regulatory authority.

2. By use of these drawings for construction of the Project, the Owner represents that they have reviewed, approved, and accepted the drawings, obtained of necessary permits, and have mel with all opplicable particy/disciplines including but not limited to, the Engineer and the Architect, insure these plans are properly coordinated including, but not limited to, the Contract documents, specifications, owner/contractor agreements, buildings and mechanical stans, provide and public oblities, and other pertinent permits for construction.

3. Owner and Architect, are responsible for final design and location of buildings shown, including an area measured a miximum five (5) feel around any building and coordinating final utility connections shown on these plans

4. Prior to using these plans for construction layout, the user shat contact TCE to easure the plun contains the most

S. These Drawings are specific to the Profect and are not handerable. As Instruments of service, these drawings, and copies thereof, hursished by ICE are it sectively exposery. Changes to the drawings may only be made by ICE. If enos or amission are discovered, they shall be brought to the atlanton of ICE immediately.

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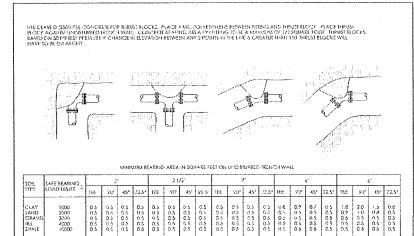


Renner 2260 Stage Road Richmond, VT

# Sanitary Details

Date:	8/10/2023
Scale:	AS SHOWN
Project Number:	23 098
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Project Engineer:	ÇMI
Approved by:	CAN
Field Book:	CONTRACTOR OF THE STATE AND ALL THE STATE OF





PRESSURE TEST
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## CONSTRUCTION NOTES FOR CONTRACTOR & CLIENT/OWNER -tce∙

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FORCE MAIN THRUST BLOCK SPECIFICATIONS

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# -tce- MOUND DISPOSAL FIELD - OPERATION AND MAINTENANCE

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# CONTRACTOR'S CERTIFICATION REQUIRED

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CONTRACTOR NAME:		
AUTHORIZED AGENTS NAME:		
SIGHATURE:	DATE:	
NOTE ANY DEVIATIONS FROM	ACEROYED CLANS HERE	

NOTE: THE CERTIFICATION AND THE PROJECT ENCIREES'S SUBSEQUENT CERTIFICATION DOES NOT VOID THE CONTRACTOR PROOF REPAIR OR REPLACEMENT OF DESCRIPTANCES DISCOVERED AT A LARRE DATA. THE CONTRACTOR PREMARY RESPONSIBLE AND CHRISTIC SUSYMANARY COMPANIES. AND WAREAUTY PERIODS

CONTRACTOR'S CERTIFICATION FOR WASTEWATER SYSTEM tce

## HORIZONTAL DISTANCE (FEET) \* FDGE OF LEACHERID STONE EFFECTIVE SASAL AREA SAMILARY JANK SEWER PIPES "THESE DISTANCES MAY "HISSE DOTATIONS MAY REDUCED WHET EVIDER THAT THE ESTANCE IS URRECESSARY TO PROJECT ANTEM, OR PICREASED IF RECESSAP TO PROVIDE ADECRICATE PROTECTION. DESIGNED WELL GRAVEL FACK WELL SHALLOW WELL OF SPRING SURFACE WATER: LAKES, FONDS: IMPORTIONERIES RIVERS AND STREAMS STORMWATER PRACTICES LE SWALES, BASINS, ETC. MADE OR MIRRESPAL WATER THES 10/25 MARIO ON MURCUPAL WARM (1985) AND CSPRENCY WAREN STORAGE FANAS SERVICE WATER LEVES SOADWAYS, DEVENAYS, PARANG LOTS TOP OF PRANKMENT OR SLOPE CREATER THAT 30S PROPERTY LEW [6] TIAD≠ECI DSCHARGE THIS IF DIFFERENT TWATER SUPPLY ROLES SUPPRSEDE DIES IF ENFERENT 103 FR TO FRE TARLE erains Fublic Water Suffly (6) SUCTION WATER LIFE NON-POTABLE WATER SOURCES

SPECIFIC CRITERIA FOR ISOLATION DISTANCES

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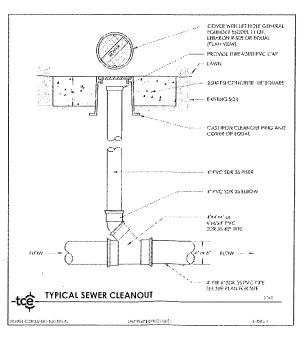
D. DISTANCES AND PROHESMENS ESTABLISHED N'ERY 1-100 PAGE 163 (SEPARNICH RETWEN SAFIARY AND COLABLE FIRE) AVEY.

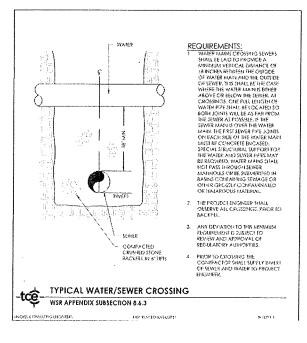
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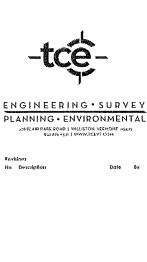
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SANITARY HORIZONTAL ISOLATION DISTANCES

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Use of These Drawings

I. Unless otherwise noted, these Drawings are intended for the second ninary planning, coordination with other discipline is, and/or approval from the regulatory authority are not intended as construction drawings unless no

2. By use of these drawings for construction of the Project esents that they have reviewed, approved and accepted the drawings, obtained of necessary permits and have met with all applicable parties/disciplines including but not Emiled to the Engineer and the Architect to insure these plans are properly coordinated including, but not limited to, contract documents, specifications, (contractor agreements, building and machanica plant private and public utilities, and other perfinent permit

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5. These Drowings are specific to the Project and are not handleroble. As instruments of service, these drawings, and copies thereof, burnished by ICG on the seclulive property. Changes to the drawings may only be made by ICL. If errors are omissions are discovered, they shall be brought to the alleation of ICE immediately.

it is the titer's responsibility to ensure this copy contains the most current revisions.



Project Title

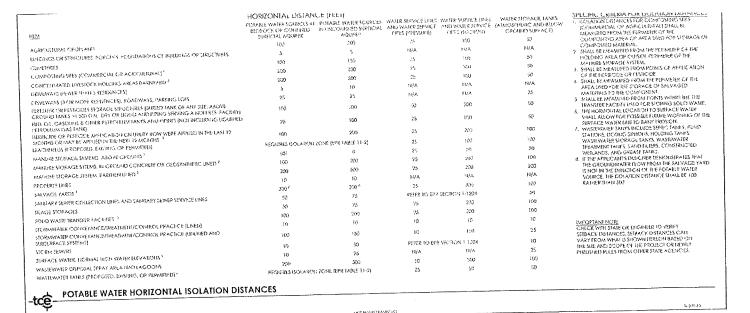
Renner 2260 Stage Road Richmond VI

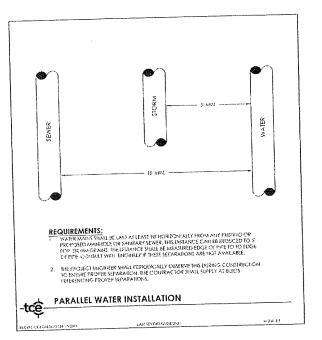
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# **Sanitary Details**

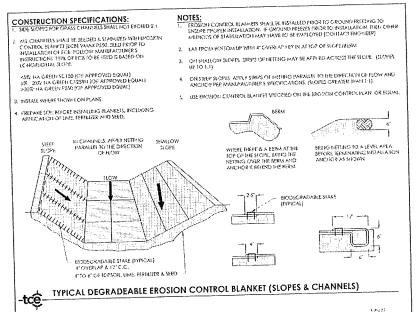
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Project Number:	23-078
Drawn By:	
Project Engineer:	CHS
Approved By:	CMI
Field Book:	

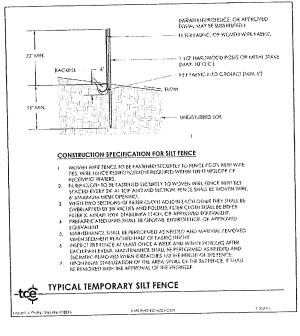


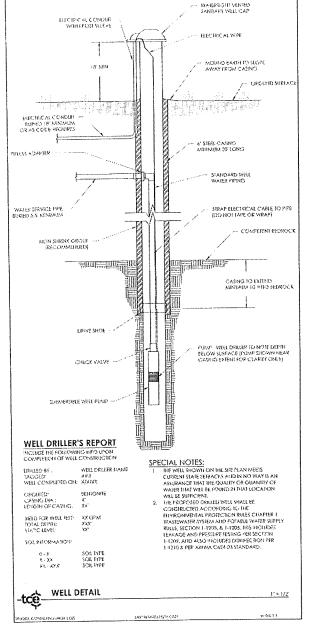




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CONSTRUCTION SPECIFICATIONS

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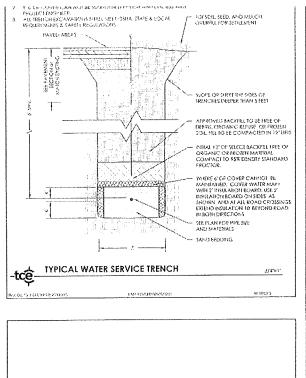
STABILIZED CONSTRUCTION ENTRANCE

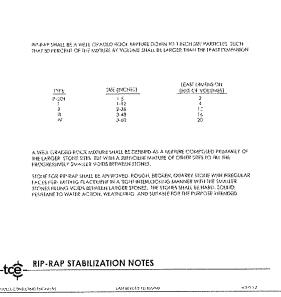
-tce-

EXCAVATION SITE

PLACED ON GLOTEXINE FAR A" ABOVE EXISING GRADE A" BELOW EXISTING GRADE

EXCAVATION SITE YARES





PROFILE

GEOTEXINE FABRIC



Use of these browlings

1. Unless otherwise noted, these browlings are intended for preliminary planning, coordination with other disciplines or utilities, and/or approved from the regulatory authorities. They are not intended as construction throwing volets noted as such or marked approved by a regulatory authority.

2. By one of these drowings for construction of the Project, the Owner represents that they have reviewed, approved, and accepted the drawings obtained as necessary permits, and have mel with all applicable parties/disciplines, including but not limited to. the Ingleter and the Architect, to inver these plans are properly coordinated including, but of limited to contract occurrents, specifications, owner/contracter agreements, building and mechanical plans, private and public visitles, and other permits for construction.

 Owner and Architect, are responsible for final design and location of buildings shown, including on area measured a minimum five (6) fired cround any building and coordinating final utility connections shown on these plans.

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5. These Drawings are specific to the Project and are not transparable. As Instruments of service, these drawings, and copies thereof, furnished by ICE are its sectiouse property Changes to the drawings may only be availed by ICE. If errors or amissions are discovered, they shall be brought to the attention of ICE Inmediately.

6. It is the ther's responsibility to ensure this copy contains



Bento at Til

PUBLIC ROADWAY

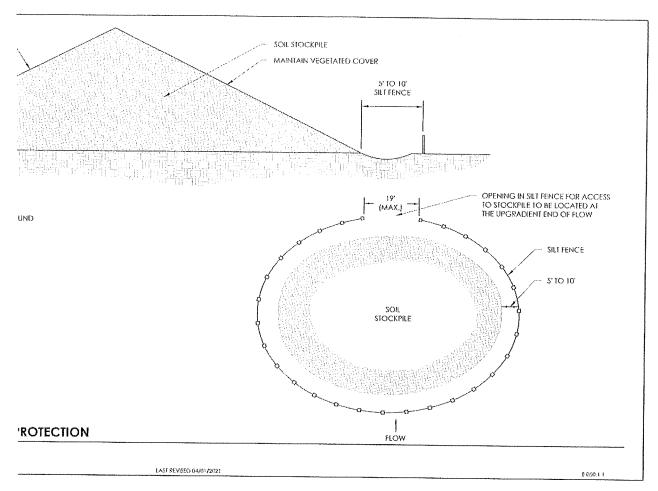
Renner 2260 Stage Road Richmond, VI

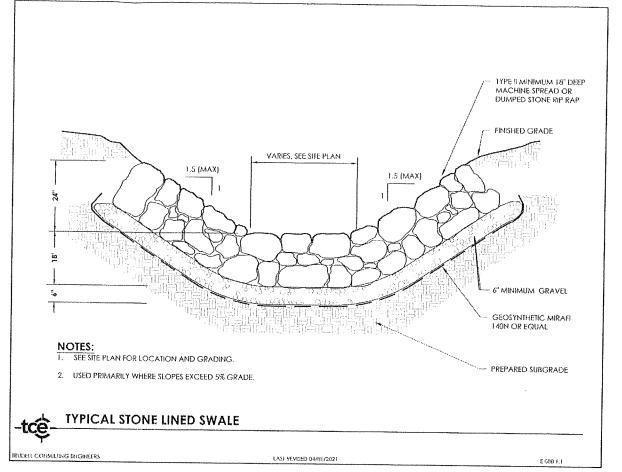
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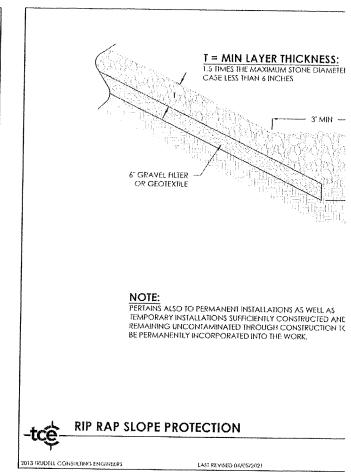
# Water and Erosion Details

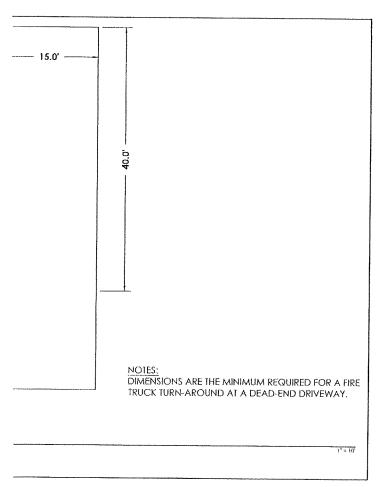
Date.	8/10/2023
Scale:	AS SHOWN
Project Number:	23-098
Drawn By:	IMB
Projeci Engineer.	CMI
Approved By:	СмЈ
Field Book	****

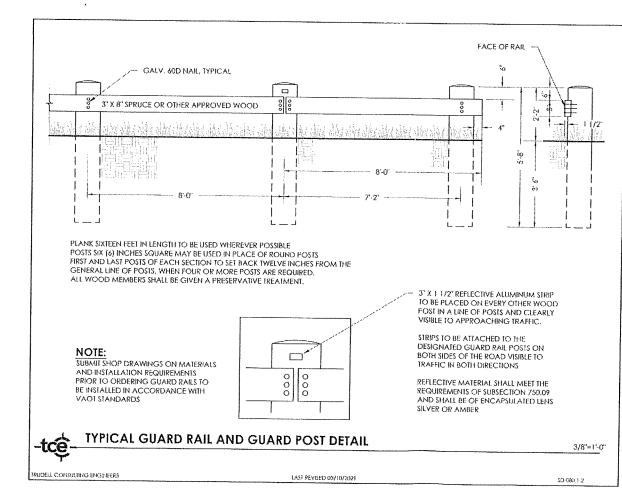
C8-03

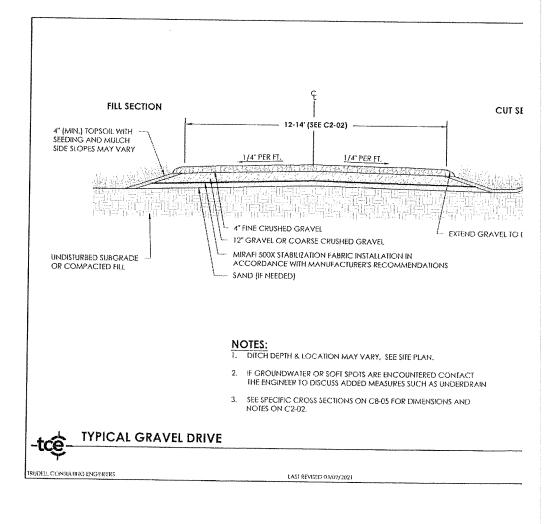


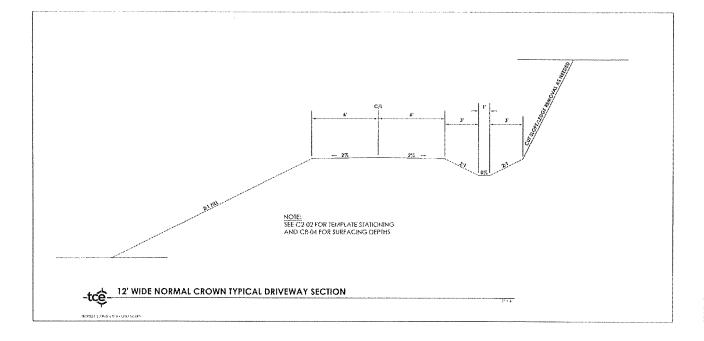


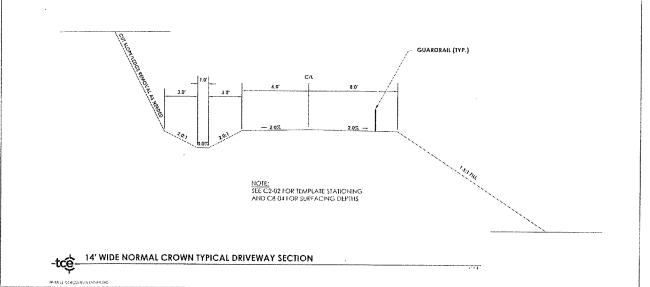














# ENGINEERING · SURVEY PLANNING . ENVIRONMENTAL

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as such or marked approved by a regulatory authority

2. By use of these drawings for construction of the frielect,
me Owner sepresents that they have reviewed, approved,
and noccepted the drawings, obtained all necessary permits,
and have met with a applicable portless/disciplines,
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lotinuse these plans are properly coordinated including, but
not afmitted to, combact documents, specificultions,
owner/contractor agreements, building and mechanical
plans, provide and public utilities, and other predinced permits
tor construction.

1. Commen and Architect, may expensible for fined feature, and

3. Owner and Architect, are responsible for final design and location of buildings shown, including an area measured a minimum five (§) Let a cound any building and coordinating final utility connections shown on these plans.

Filer to using these plans for construction layout, the user shall contact TCE to ensure the plan confains the most current revisions.

comentervisions.

5. These Downing are specific to the Project and are not transferable. As insurments of tenrice, these stavillage, and copies thereof, turnithed by TCE are it rectavilyse property. Changes to the drawings may any be made by TCE. If errors or anishing are ordinated to the stavillage and the property of the ordinate of the stavillage and the otherwise of the stavillage.

# Is the User's responsibility to ensure this copy contains
the most current revisions.



Renner 2260 Stage Road

# **Driveway Section** Details

Dale:	07/01/2023
Scale:	Shewin
Project Number.	23-598
Drawn By:	HEAL
Project Engineer:	CNU
Approved By	CMJ
Field Book	